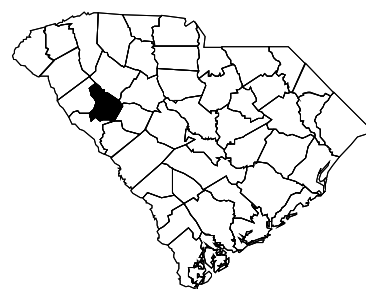


# IMPACT OF CHRONIC CONDITIONS GREENWOOD County, 2005



In the year 2005, the leading causes of death among South Carolinians were heart disease, cancer, stroke, accidents, chronic lower respiratory disease, Alzheimer's disease, diabetes, nephritis, nephritic syndrome, nephrosis, pneumonia and influenza and septicemia. This report focuses on the chronic conditions of the population of Greenwood county, and is compared to the overall chronic conditions of the population of South Carolina as a whole.

The distribution of Greenwood county's population is similar to the state population. The majority (37%) of the population in Greenwood county are between the ages of 18-44, and there are more females (53%) than males (47%). Greenwood county's minority population (34%) is slightly higher than the state (31%). When adults in DHEC's Region 1, which includes Greenwood County, were asked about their general health status, 79.3% reported having excellent, very good, or good health in 2005 (SC was 82%).

	GREENWOOD COUNTY	STATE
<b>Population size</b>	67,979	4,255,083
<b>Age distribution (%)</b>		
<18	25	24
18-44	37	38
45-64	24	25
65-84	12	11
85+	2	2
<b>Race (%)</b>		
White	66	69
Black & Other	34	31
<b>Sex (%)</b>		
Male	47	49
Female	53	51

In spite of the overall reports of good health given by the citizens of the Palmetto State, chronic conditions are still making an impact on the health of many South Carolinians. Through primary and secondary prevention we hope to reduce the risk factors that contribute to the major chronic diseases and leading causes of death among South Carolinians.

The chart below contains the risk factors that contribute to an increased risk of developing a chronic condition. These risk factors are related to the major causes of morbidity and mortality among South Carolinians. Some common behavioral risk factors that contribute to the leading causes of death are smoking, sedentary lifestyle, obesity, and high cholesterol. The prevalence of these risk factors from the 2005 South Carolina Behavioral Risk Factor Surveillance System (BRFSS) survey are listed in the table below for Greenwood County.

RISK FACTOR	COUNTY (%)	STATE (%)
Current smoking	24	22
Sedentary lifestyle	30	26
Overweight	63	65
High Cholesterol	31	37

Some preventive measures such as immunization were included in the 2005 SC BRFSS. For persons age 65 and older in South Carolina:

39.1% have not received the flu shot in the past 12 months

34.4% have never had the pneumonia vaccination

Hospital/ED data in the following tables include ONLY those cases treated in SC hospitals. Cases treated in hospitals outside of SC are NOT included.

<b>HYPERTENSION AND HYPERTENSIVE DISEASE</b>	<b>County</b>					<b>State</b>
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	26.4	.	.	.	.	31.7
Number of hospitalizations	80	47	33	25	55	5,032
Crude rate of hospitalizations (per 100,000)	118	206	73	78	153	118
Median age of hospitalized patients	62	52	72	62	62	57
Total cost of hospitalization (\$)	2,065,700	1,388,100	677,600	859,200	1,206,500	109,400,500
Average length of hospital stay (days)	8	8	7	9	7	5
Number of ED visits	140	83	57	45	95	7,466
Crude rate of ED visits (per 100,000)	206	363	126	141	264	175
Median age of ED patients	52	47	57	47	52	52
Total cost of ED visits (\$)	153,300	73,800	79,500	51,300	102,000	9,929,000
Number of deaths**	9	4	5	4	5	423
Age-Adjusted Death rate (per 100,000)**	12	22	8	12	11	10

<b>DISEASES OF THE HEART</b>	<b>County</b>					<b>State</b>
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	4.8	.	.	.	.	4.1
Number of hospitalizations	1,103	298	805	585	518	60,901
Crude rate of hospitalizations (per 100,000)	1,623	1,305	1,783	1,831	1,438	1,431
Median age of hospitalized patients	72	62	72	67	72	67
Total cost of hospitalization (\$)	51,378,700	12,815,800	38,562,900	30,360,000	21,018,700	2,286,836,400
Average length of hospital stay (days)	5	6	5	4	6	5
Number of ED visits	193	75	118	94	99	12,989
Crude rate of ED visits (per 100,000)	284	328	261	294	275	305
Median age of ED patients	62	57	67	62	67	62
Total cost of ED visits (\$)	620,900	204,800	416,100	291,400	329,500	42,115,900
Number of deaths**	156	48	108	66	90	9,328
Age-Adjusted Death rate (per 100,000)**	205	281	181	227	191	218

<b>STROKE</b>	<b>County</b>					<b>State</b>
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	2.9	.	.	.	.	3
Number of hospitalizations	243	74	169	93	150	13,925
Crude rate of hospitalizations (per 100,000)	357	324	374	291	416	327
Median age of hospitalized patients	72	62	77	67	77	72
Total cost of hospitalization (\$)	6,189,400	2,231,200	3,958,200	2,729,400	3,460,000	384,441,600
Average length of hospital stay (days)	7	7	7	7	7	6
Number of ED visits	32	12	20	14	18	2,515
Crude rate of ED visits (per 100,000)	47	53	44	44	50	59
Median age of ED patients	75	75	75	72	75	67
Total cost of ED visits (\$)	110,500	40,900	69,600	41,200	69,300	9,113,000
Number of deaths**	50	14	36	17	33	2,440
Age-Adjusted Death rate (per 100,000)**	65	81	59	61	68	59

CHRONIC OBSTRUCTIVE PULMONARY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	273	81	192	118	155	15,753
Crude rate of hospitalizations (per 100,000)	402	355	425	369	430	370
Median age of hospitalized patients	67	52	67	67	62	62
Total cost of hospitalization (\$)	5,164,400	1,052,000	4,112,400	2,034,900	3,129,500	268,425,300
Average length of hospital stay (days)	5	3	5	4	5	5
Number of ED visits	933	448	485	404	529	36,543
Crude rate of ED visits (per 100,000)	1,372	1,962	1,074	1,264	1,468	859
Median age of ED patients	32	22	37	27	37	37
Total cost of ED visits (\$)	682,800	298,600	384,200	330,200	352,600	40,613,700
Number of deaths**	32	-	32	16	16	1,968
Age-Adjusted Death rate (per 100,000)**	42	-	55	54	36	46

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	10.1	.	.	.	.	10.3
Number of hospitalizations	159	75	84	81	78	9,027
Crude rate of hospitalizations (per 100,000)	234	328	186	253	217	212
Median age of hospitalized patients	57	52	57	57	57	52
Total cost of hospitalization (\$)	3,939,100	1,928,400	2,010,700	1,767,100	2,172,000	179,747,700
Average length of hospital stay (days)	6	7	6	6	7	6
Number of ED visits	131	75	56	55	76	9,603
Crude rate of ED visits (per 100,000)	193	328	124	172	211	226
Median age of ED patients	52	52	55	52	57	52
Total cost of ED visits (\$)	236,000	120,700	115,300	111,000	125,000	13,447,300
Number of deaths**	20	10	10	8	12	1,183
Age-Adjusted Death rate (per 100,000)**	26	63	17	25	25	27

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	259	82	177	114	145	16,389
Crude rate of hospitalizations (per 100,000)	381	359	392	357	402	385
Median age of hospitalized patients	67	62	72	67	67	62
Total cost of hospitalization (\$)	8,301,600	2,622,000	5,679,600	3,812,900	4,488,700	664,309,500
Average length of hospital stay (days)	7	6	7	7	7	8
Number of deaths**	152	39	112	75	77	8,617
Age-Adjusted Death rate (per 100,000)**	203	223	196	246	178	196

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	35	13	22	16	19	2,070
Crude rate of hospitalizations (per 100,000)	51	57	49	50	53	49
Median age of hospitalized patients	72	67	72	70	72	67
Total cost of hospitalization (\$)	1,439,300	597,600	841,700	913,500	525,800	101,377,700
Average length of hospital stay (days)	9	9	8	11	6	10
Number of deaths**	9	3	6	3	6	812
Age-Adjusted Death rate (per 100,000)**	12	19	11	10	13	19

BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	36	9	27	-	36	1,228
Crude rate of hospitalizations (per 100,000)	100	74	113	-	73	56
Median age of hospitalized patients	62	57	62	-	62	62
Total cost of hospitalization (\$)	629,800	139,500	490,300	-	629,800	26,163,000
Average length of hospital stay (days)	3	2	4	-	3	3
Number of deaths**	14	4	10	-	14	651
Age-Adjusted Death rate (per 100,000)**	34	35	33	-	34	26

CERVICAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	2	1	1	-	2	192
Crude rate of hospitalizations (per 100,000)	6	8	4	-	6	9
Median age of hospitalized patients	67	67	67	-	67	47
Total cost of hospitalization (\$)	136,400	20,600	115,800	-	136,400	4,668,500
Average length of hospital stay (days)	17	2	31	-	17	4
Number of deaths**	3	1	2	-	3	63
Age-Adjusted Death rate (per 100,000)**	7	10	6	-	7	3

LUNG CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	35	10	25	24	11	2,181
Crude rate of hospitalizations (per 100,000)	51	44	55	75	31	51
Median age of hospitalized patients	72	67	72	72	72	67
Total cost of hospitalization (\$)	1,016,900	331,600	685,300	594,000	422,900	92,775,300
Average length of hospital stay (days)	7	6	7	6	9	9
Number of deaths**	50	12	38	35	15	2,703
Age-Adjusted Death rate (per 100,000)**	66	69	66	111	37	61

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	18	7	11	18	-	1,209
Crude rate of hospitalizations (per 100,000)	56	65	52	60	-	58
Median age of hospitalized patients	67	62	72	67	-	62
Total cost of hospitalization (\$)	317,500	157,900	159,600	317,500	-	30,356,600
Average length of hospital stay (days)	3	4	2	3	-	4
Number of deaths**	6	2	4	6	-	460
Age-Adjusted Death rate (per 100,000)**	22	32	19	22	-	30

\*Prevalence estimates at regional level

\*\*Mortality data were provided by Division of Biostatistics, Office of Public Health Statistics and Information Systems, DHEC using ICD-10 codes.

All hospitalizations of Blacks include Blacks and Others.

#### For more information about

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